

Figure 1.

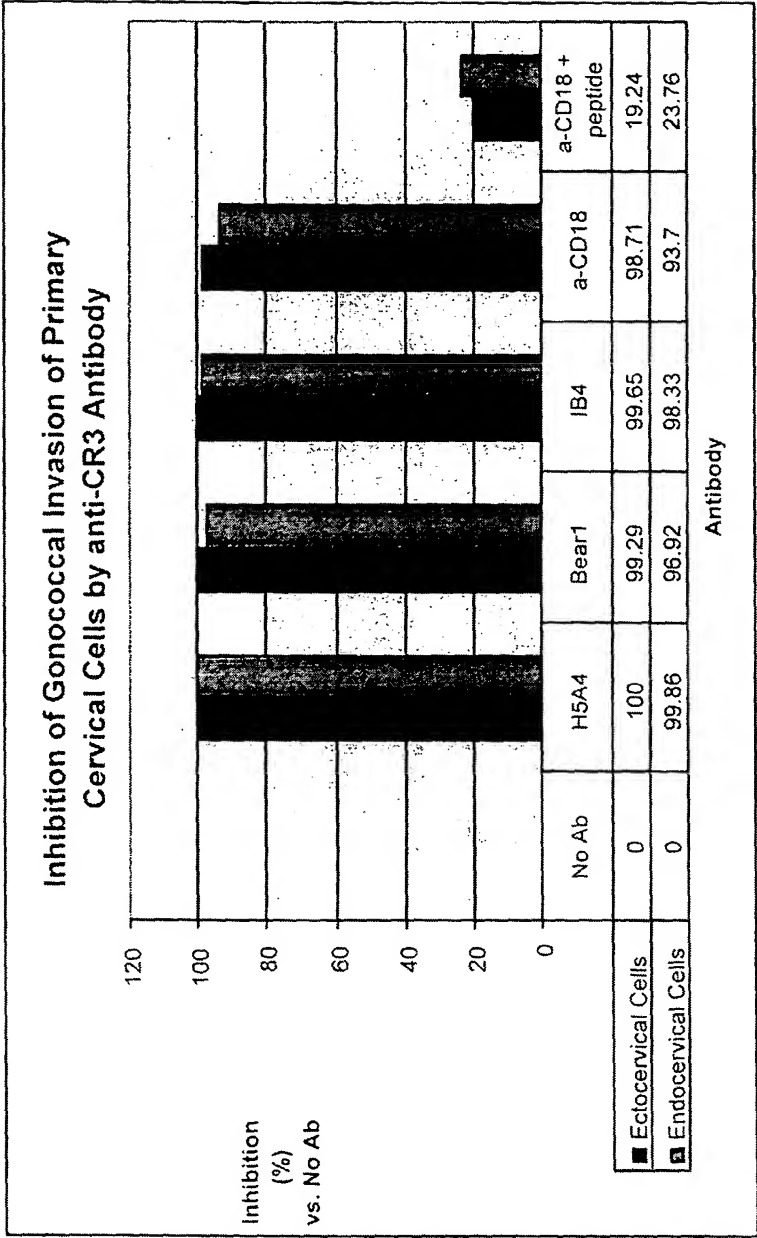
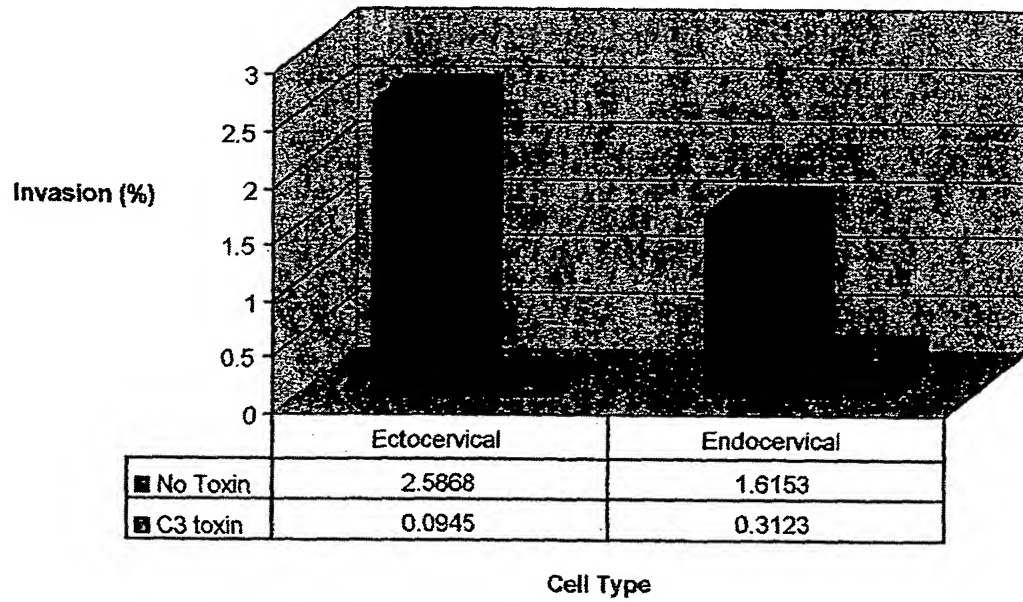


Figure 2

**The Effect of *Clostridium* C3 Toxin on Gonococcal Invasion of Primary Cervical Cells**



**Figure 3**

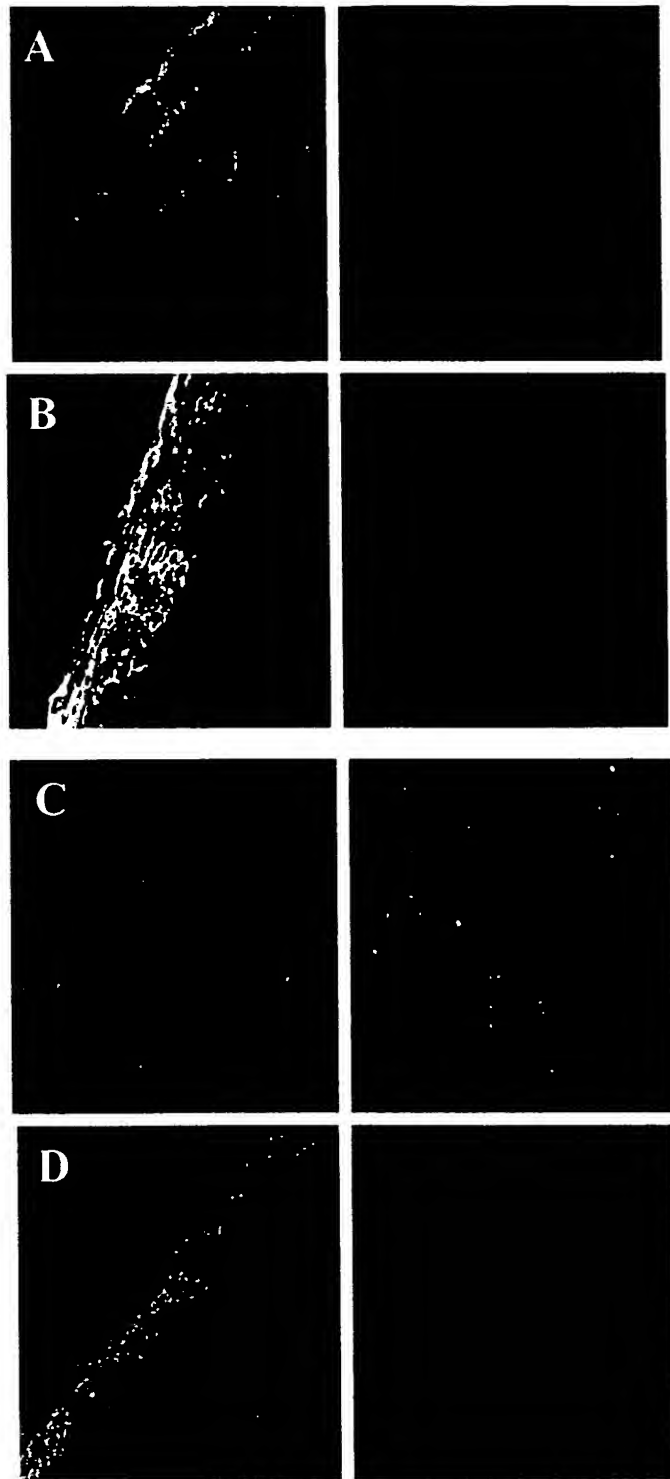


Figure 4

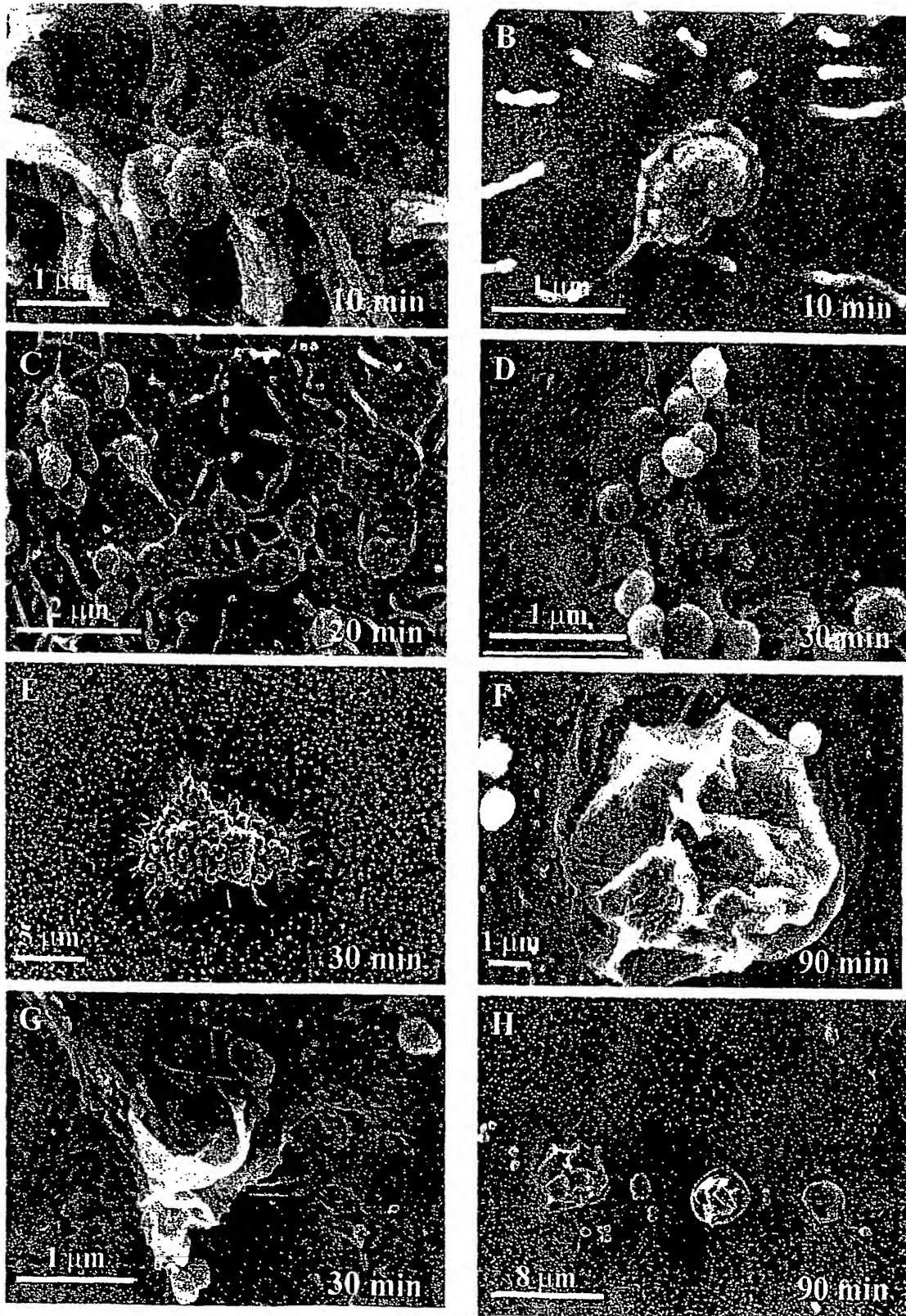


Figure 5

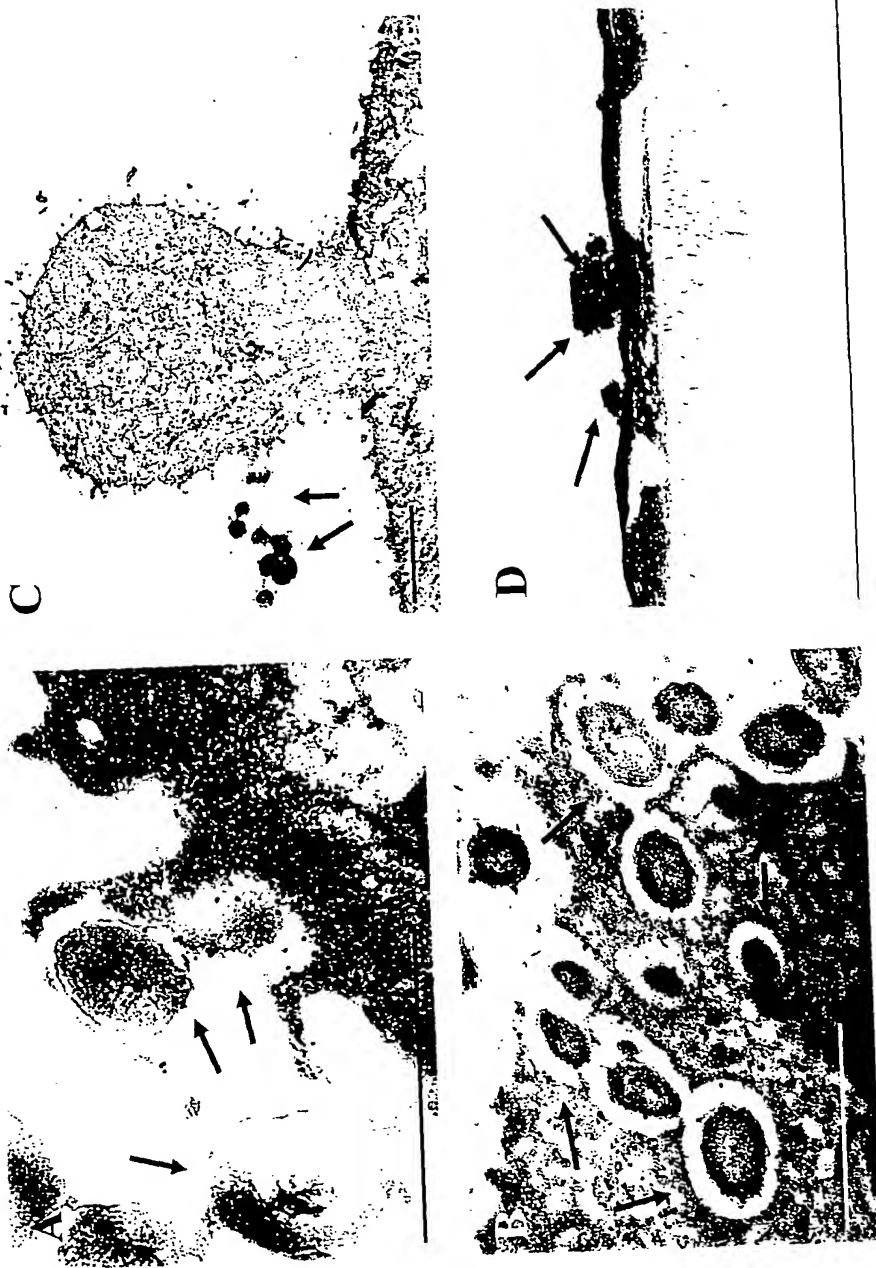


Figure 6



Figure 7

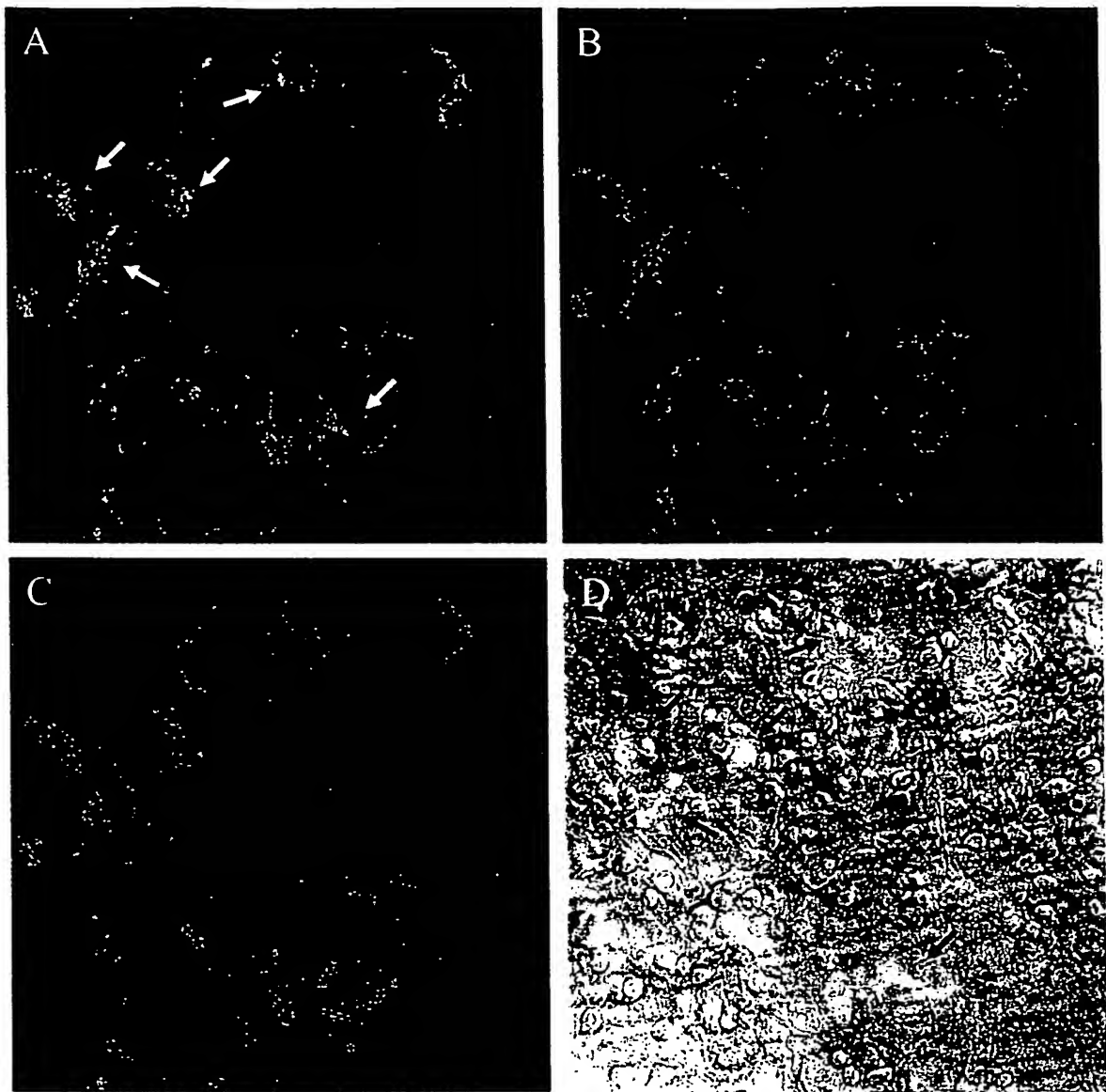


Figure 8



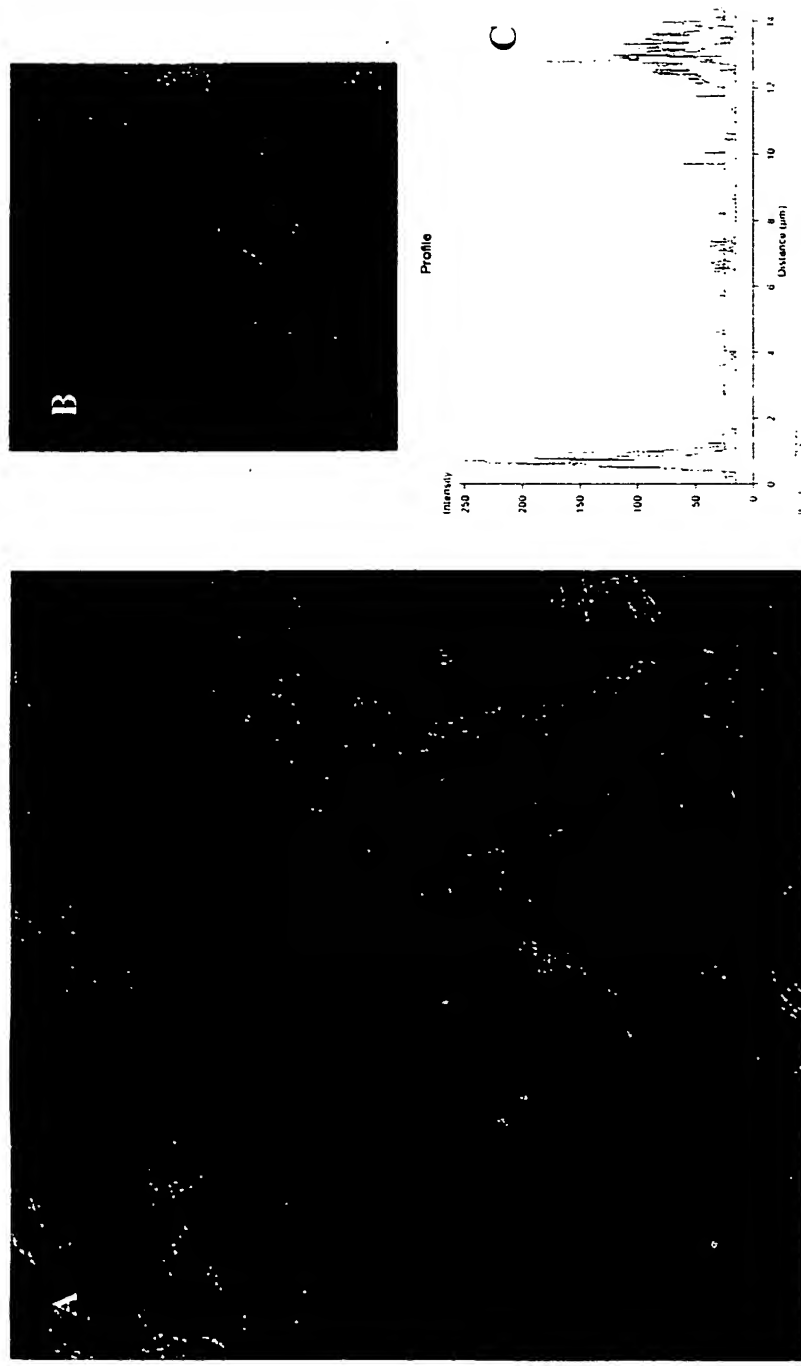
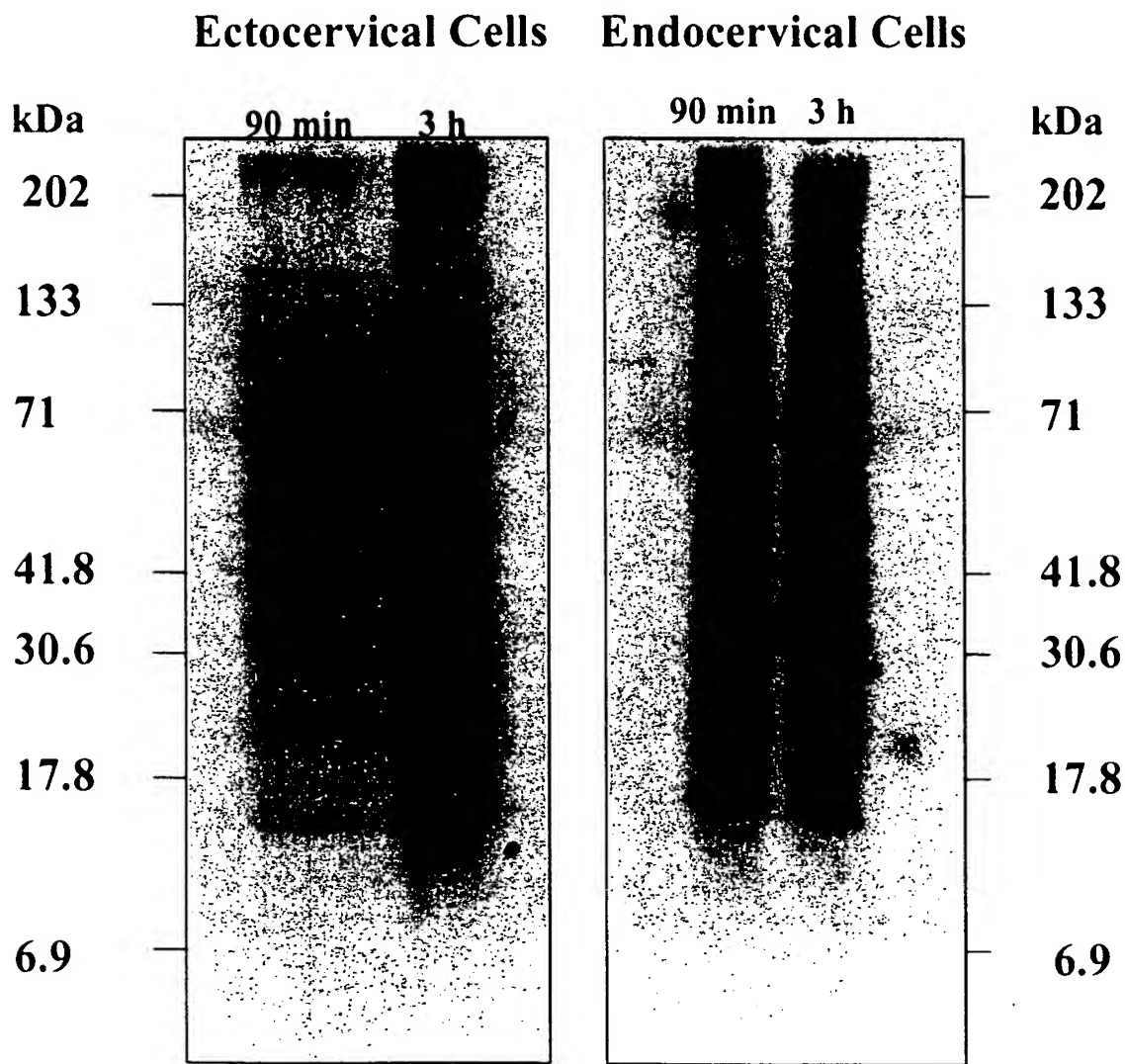


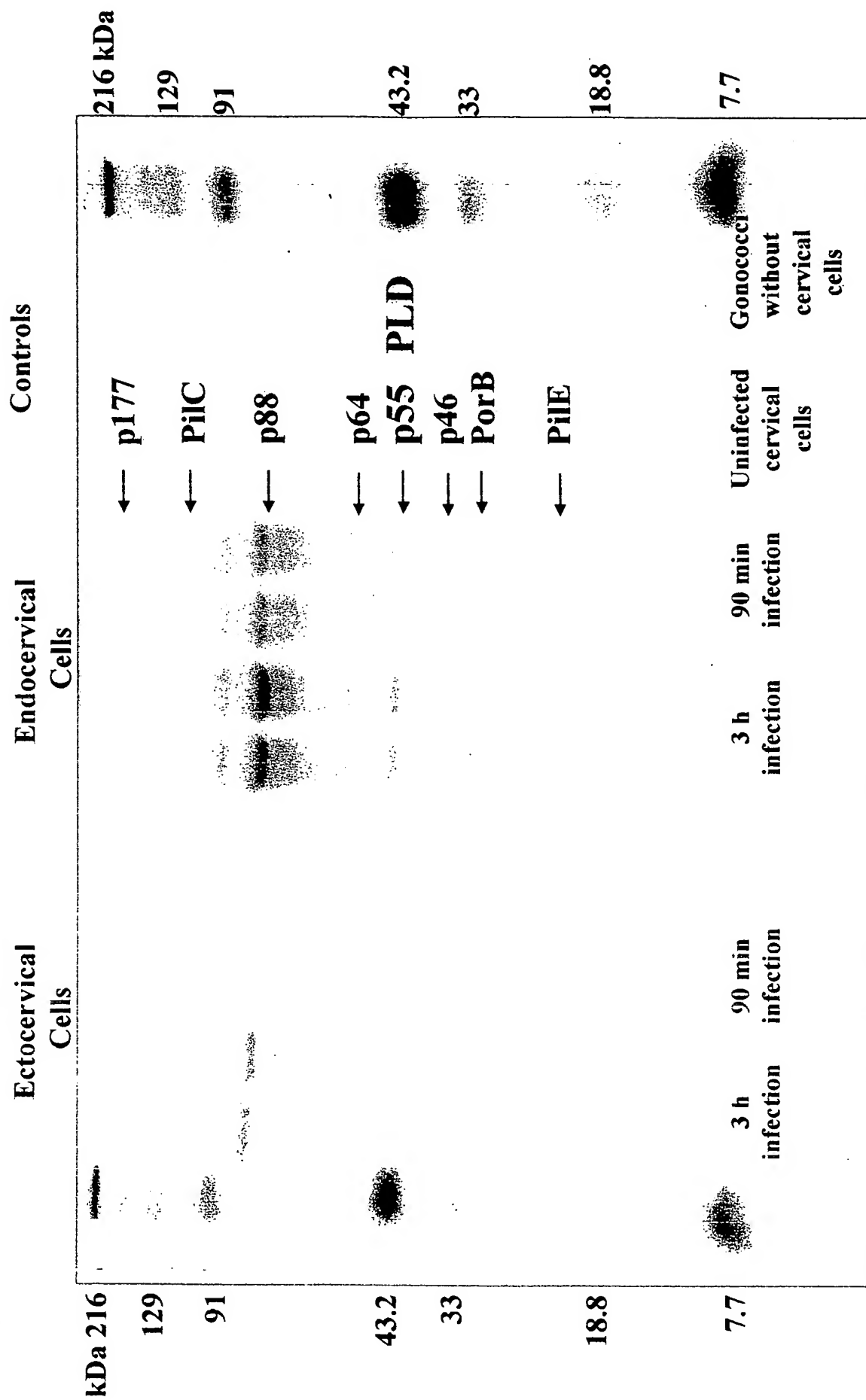
Figure 9

**Figure 10.**

**Bacterial Products are Released  
With Gonococcal Infection of Primary Cervical Cells**



# Proteomic Analysis of Gonococcal Products Released with Cervical Cell Infection



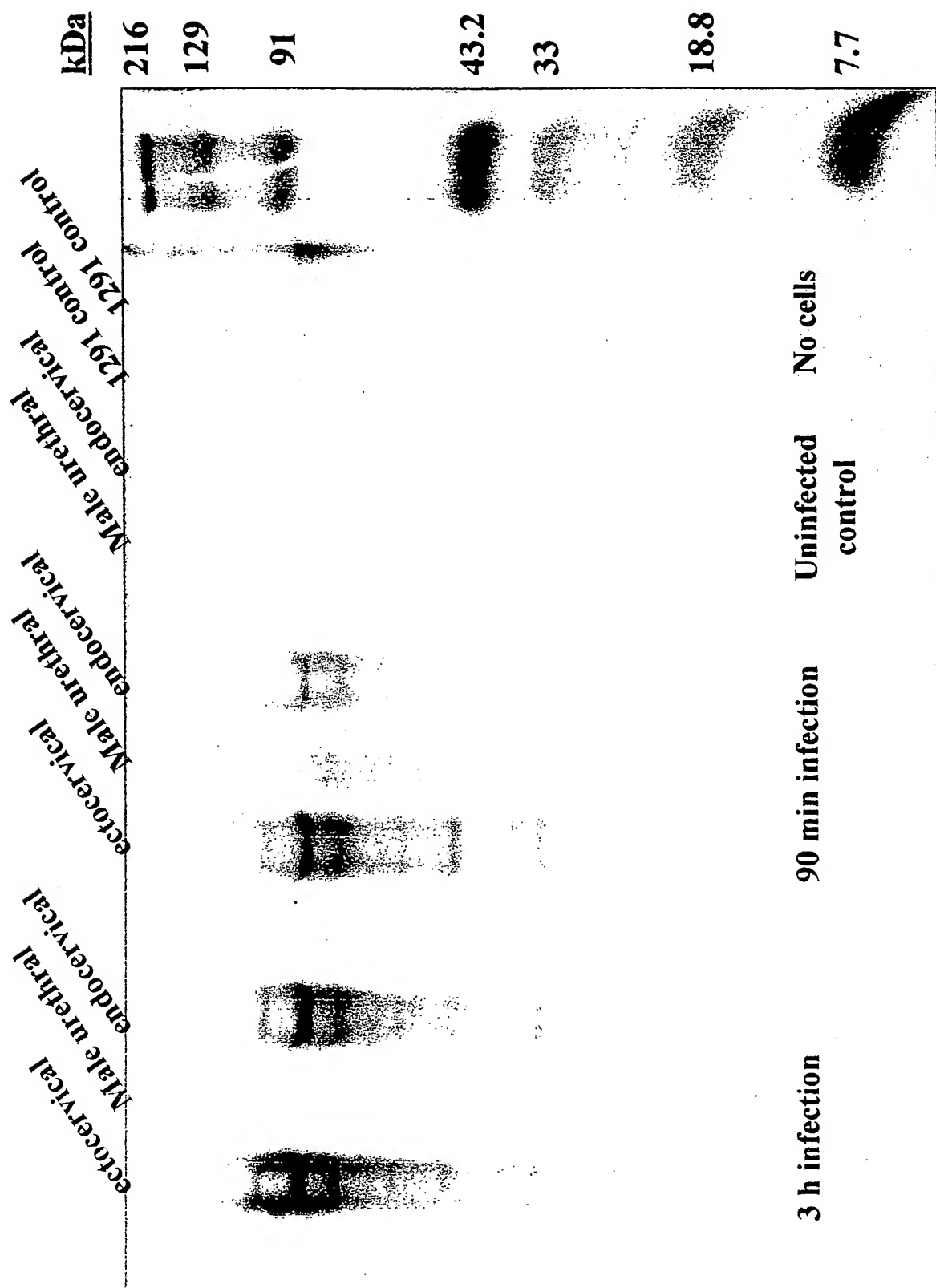


FIG. 12

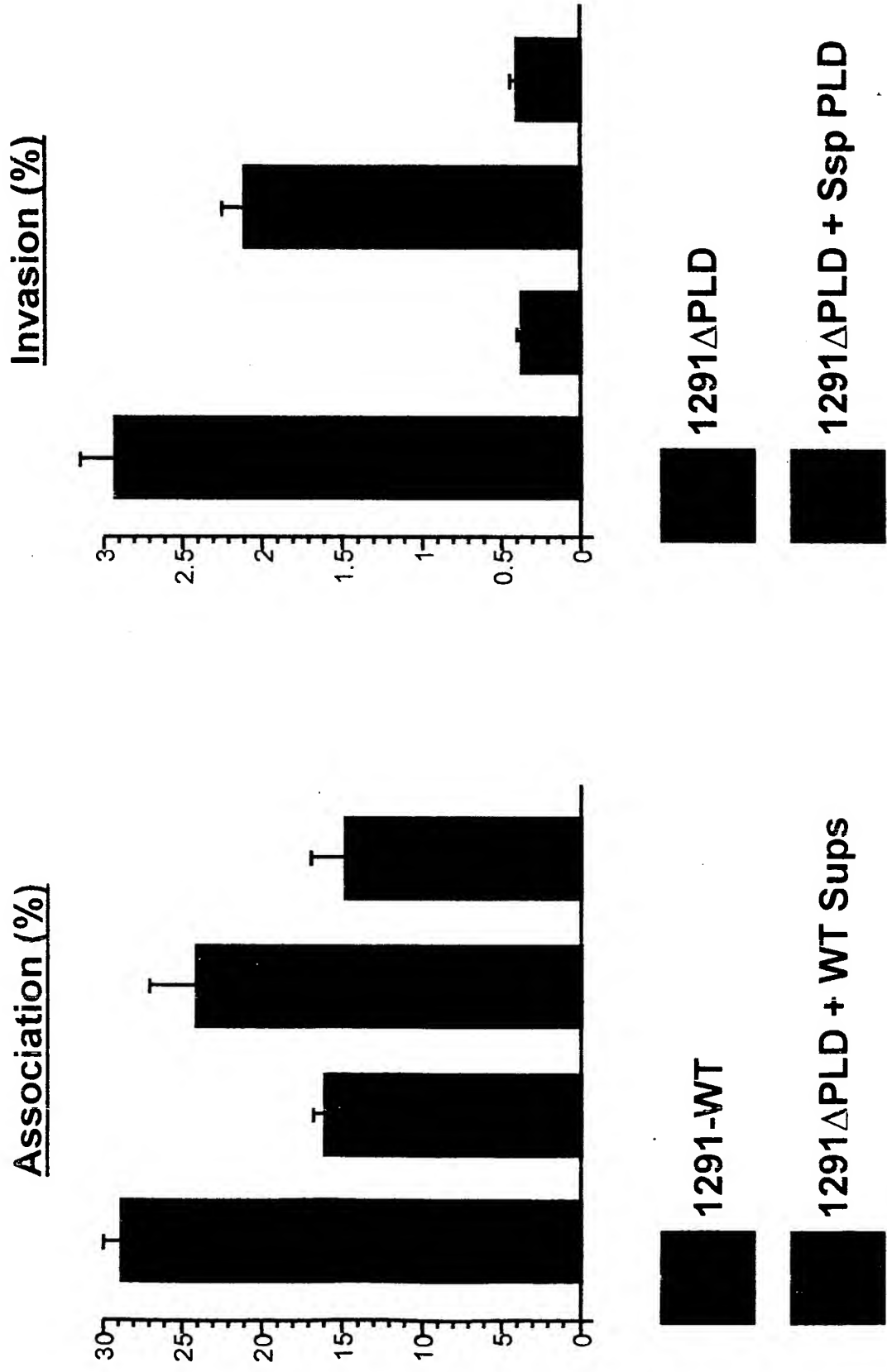
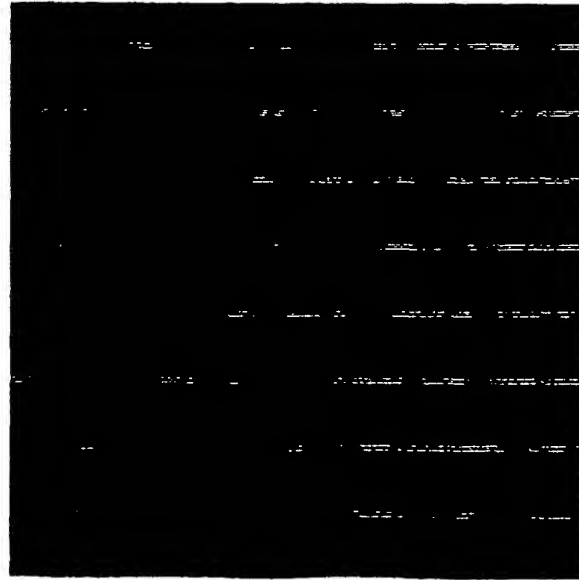
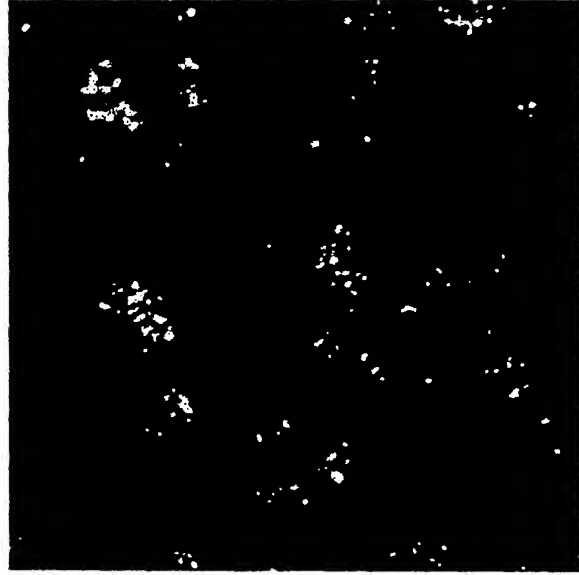


FIG. 13

Uninfected Cervical Cells



3h infection: 1291 $\Delta$ PLD



3h infection: 1291-WT



CR3: RED  
Gonococci: Green

Fig. 14

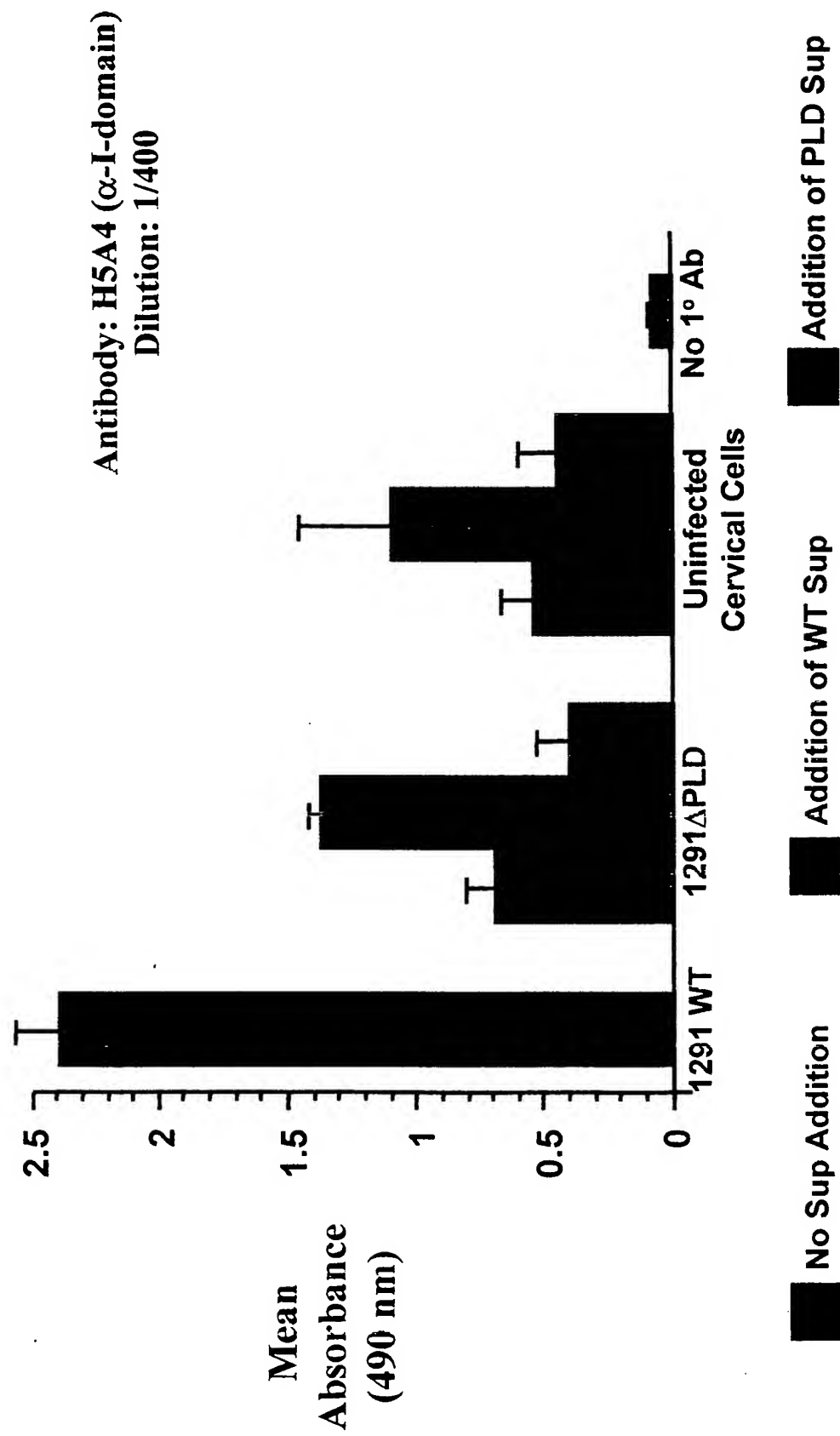
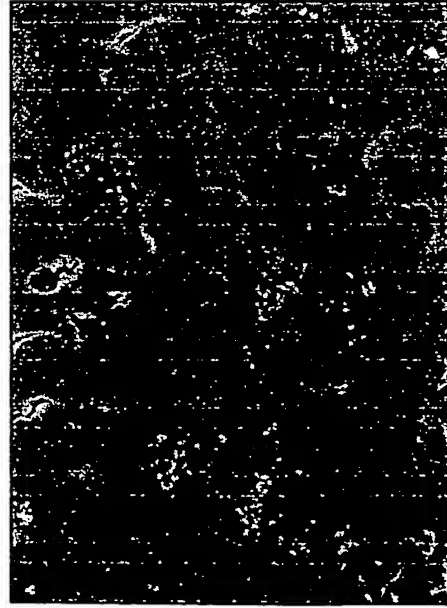


Fig. 15

1291 $\Delta$ PLD



1291-WT



1291 $\Delta$ PLD + WT Sup

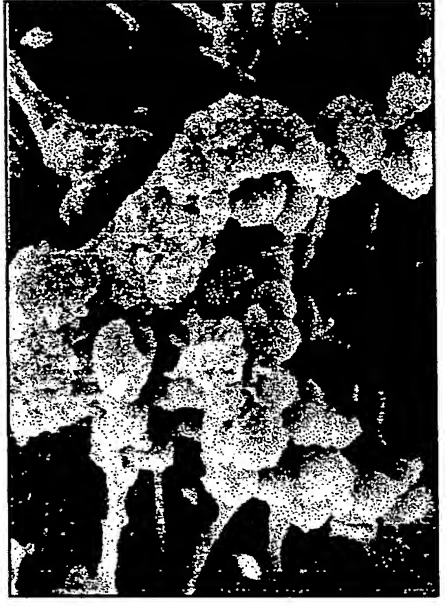
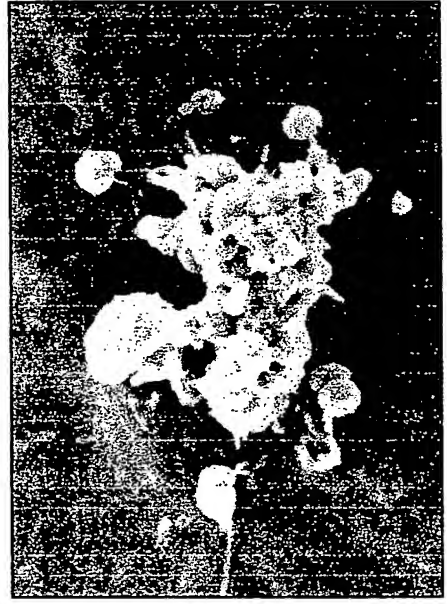
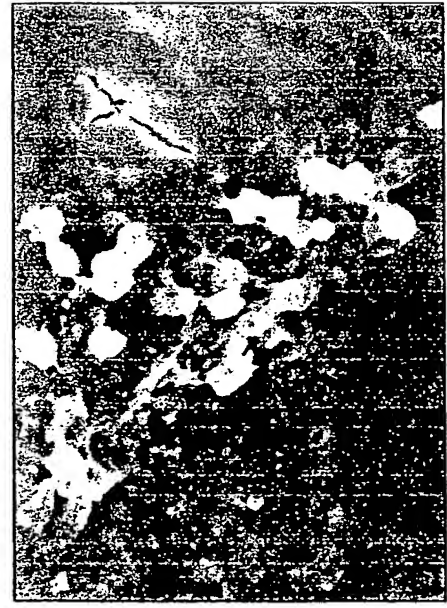
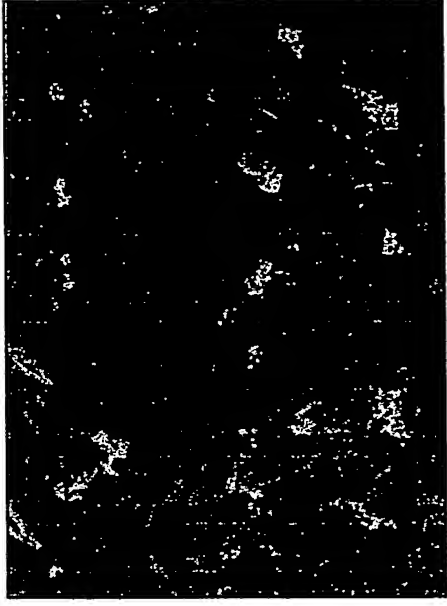
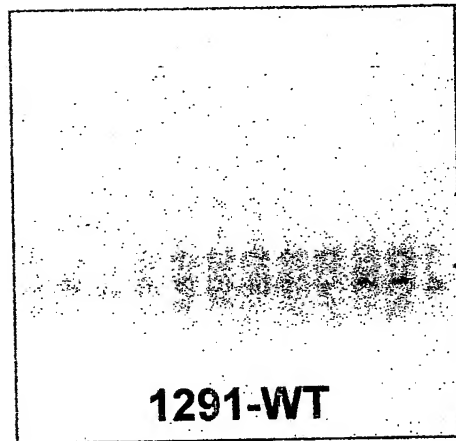


FIG. 16

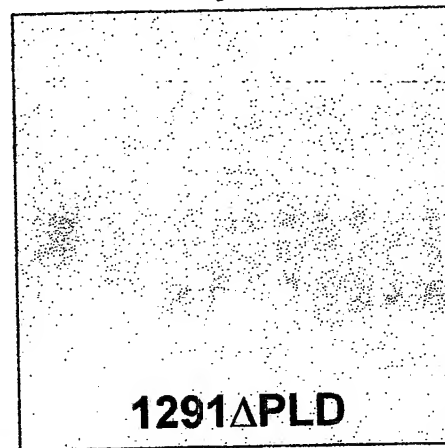


**$\alpha$ -Phosphotyrosine**

A

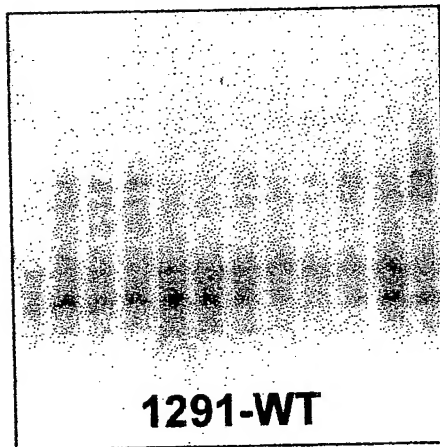


B



**$\alpha$ -Phosphothreonine**

C



D

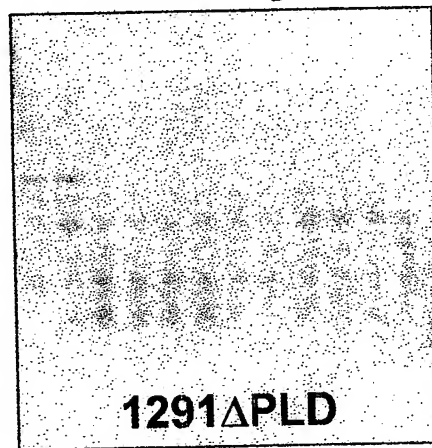


Figure 17

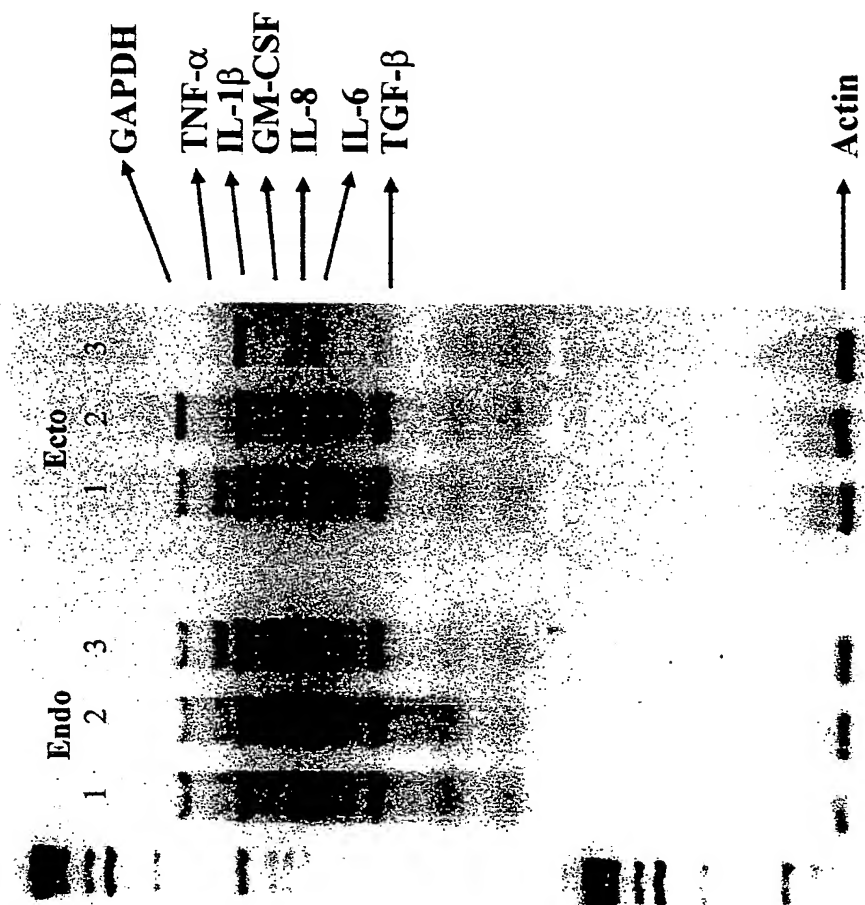


FIG. 18

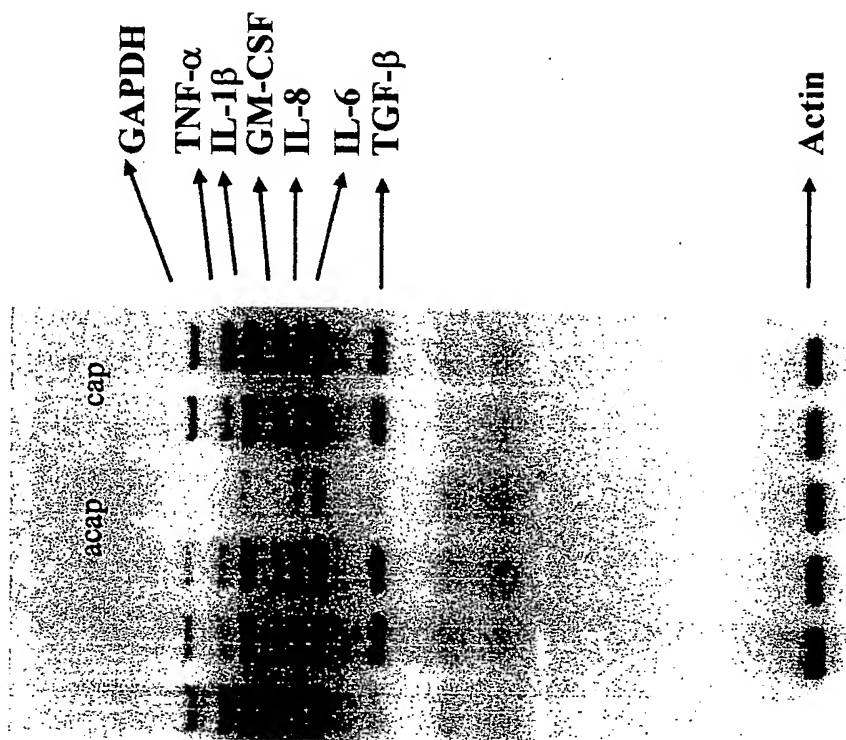
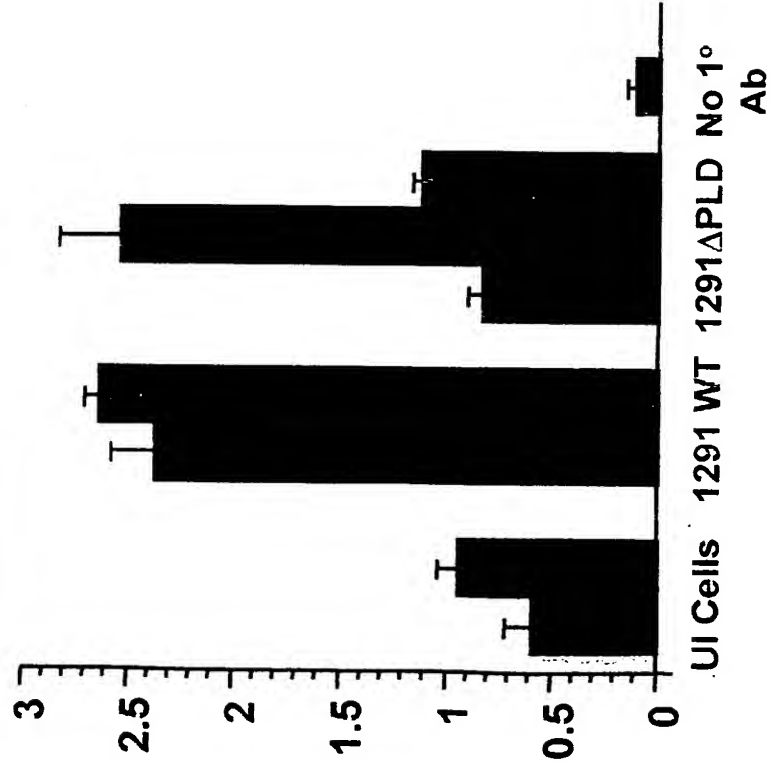
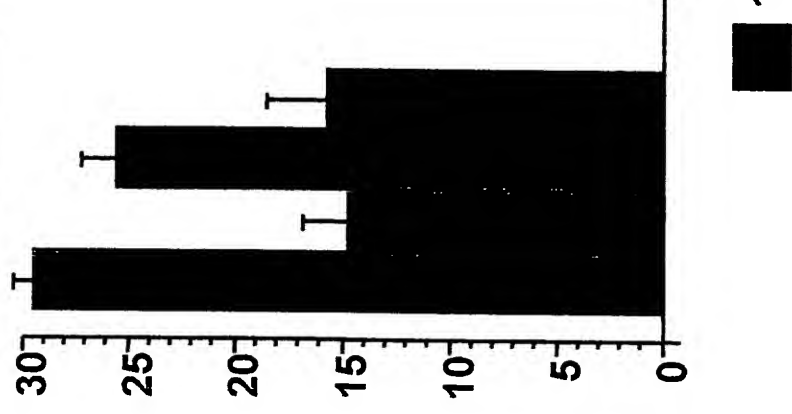


FIG. 19

### CR3 Surface Expression ( $A_{490}$ )



### Association



### Invasion

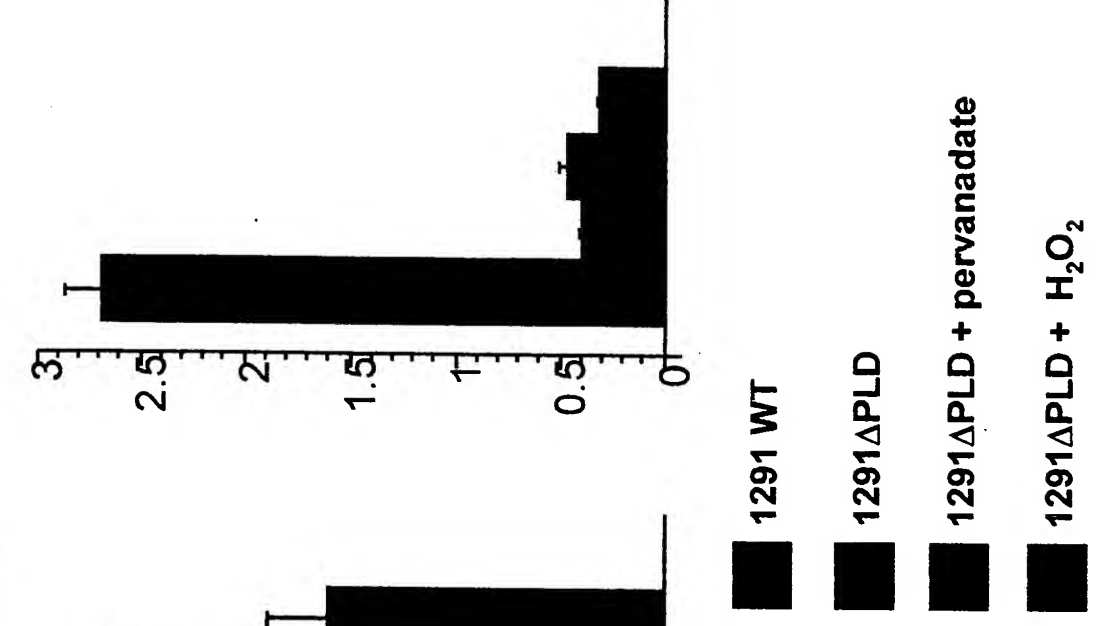


FIG. 20

# Protein Kinase C Activation Partially Rescues PLD-deficiency

Figure 10B

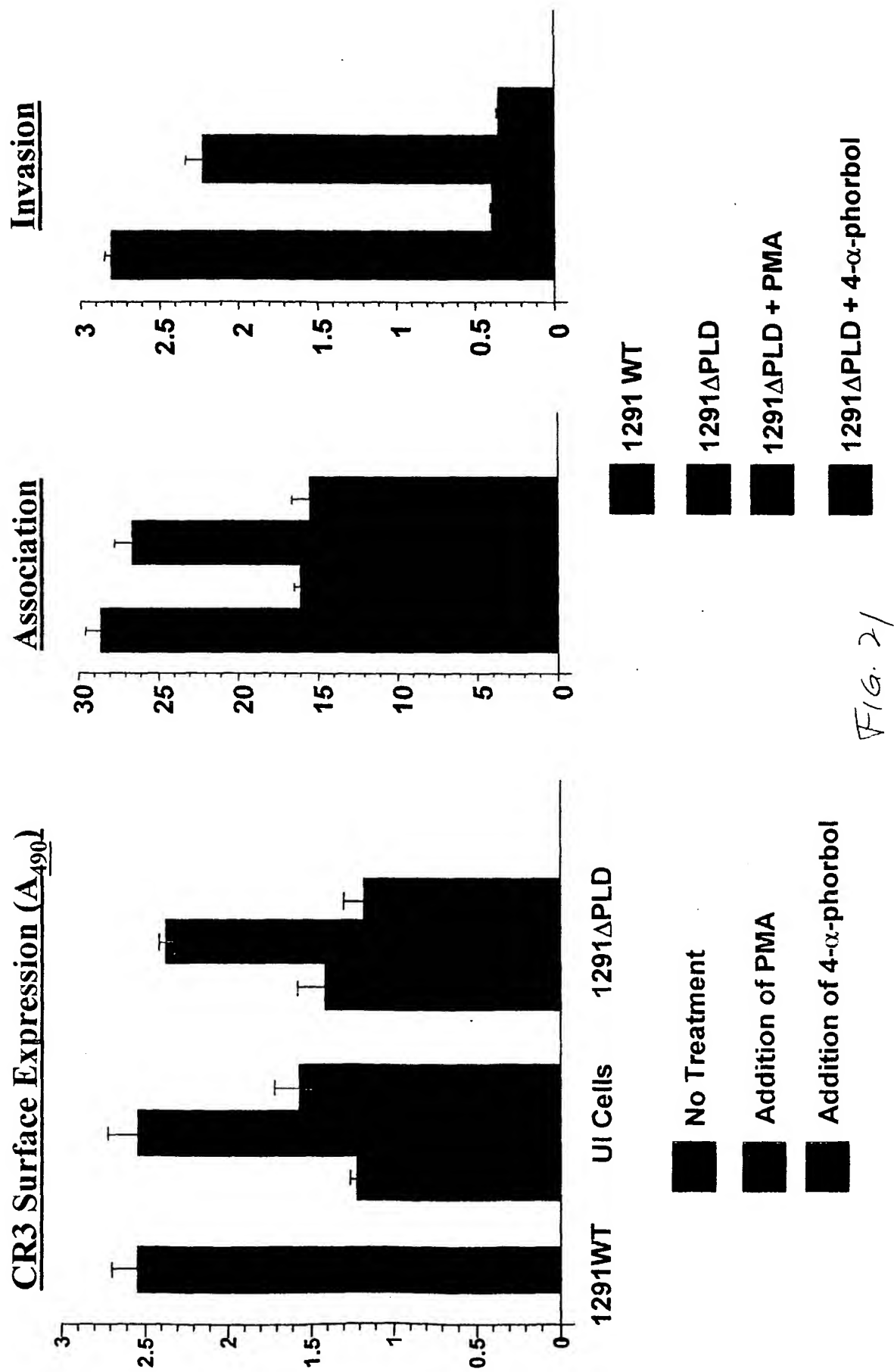


Figure 22

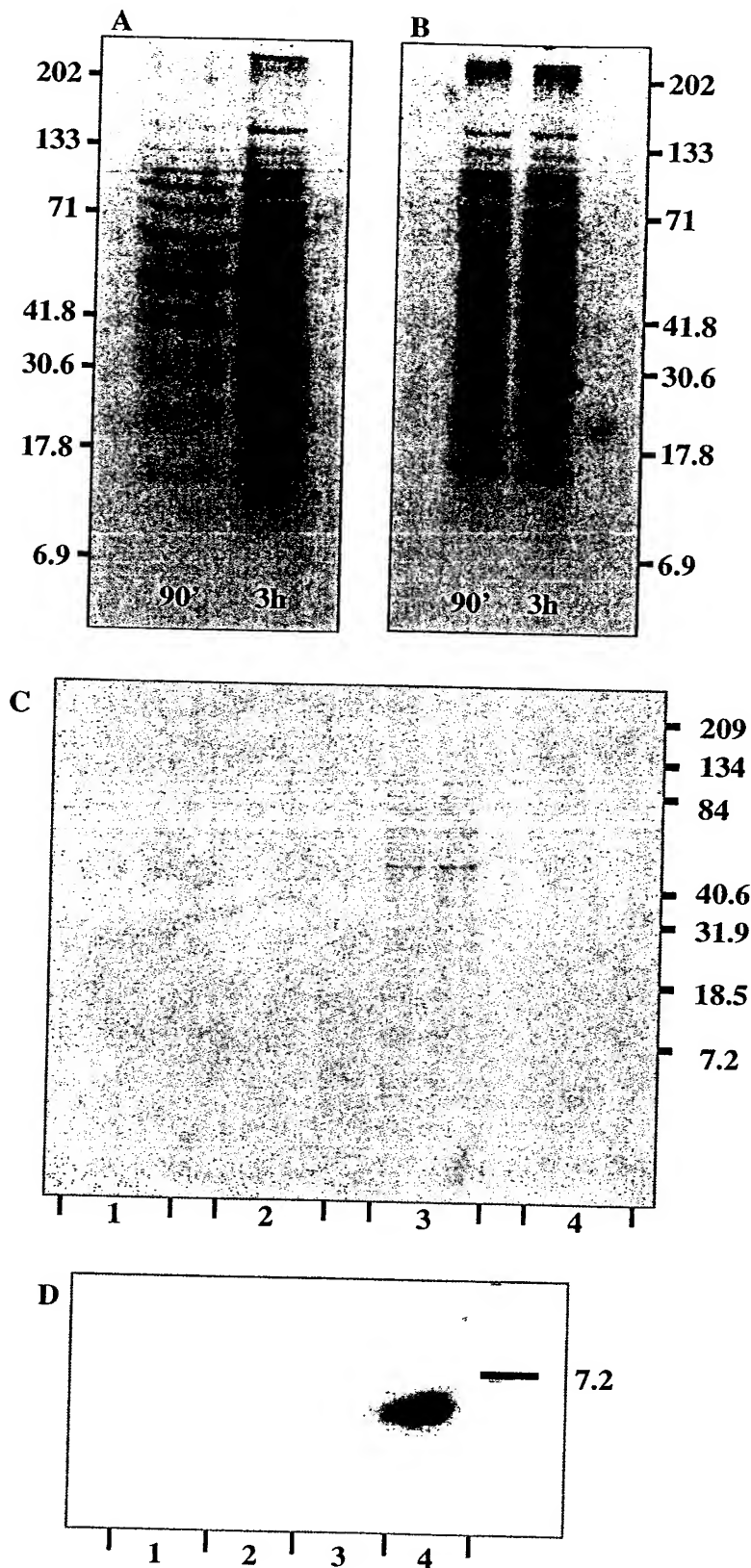


Figure 23

